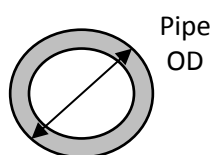
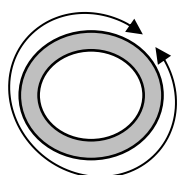


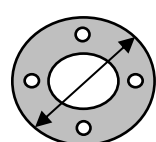
Pipe & Flange Measurements



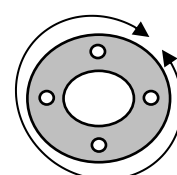
Pipe
OD



Pipe
Circ



Flange
OD



Flange
Circ

Nominal Pipe Size	Pipe OD		Pipe Circumference (approximate)			150# Flange OD		150# Flange Circumference (approximate)		
	inches	mm	inches	ft (') - in (")	mm	inches	mm	inches	ft (') - in (")	mm
1	1.32	33	4.13	4-1/8"	105	4.25	108	13 - 3/8	1' - 1-3/8"	340
2	2.38	60	7.50	7-1/2"	191	6.00	152	18 - 7/8	1' - 6-7/8"	479
2.5	2.88	73	9.00	9"	229	7.00	178	22	1' - 10"	559
3	3.50	89	11.00	11"	279	7.50	191	23 - 1/2	1' - 11-1/2"	597
4	4.50	114	14.13	1' - 2-1/8"	359	9.00	229	28 - 1/4	2' - 4-1/4"	718
5	5.56	141	17.50	1' - 5-1/2"	445	10.00	254	31 - 3/8	2' - 7-3/8"	797
6	6.63	168	20.75	1' - 8-3/4"	527	11.00	279	34 - 1/2	2' - 10-1/2"	876
8	8.63	219	27.13	2' - 3-1/8"	689	13.50	343	42 - 3/8	3' - 6-3/8"	1076
10	10.75	273	33.75	2' - 9-3/4"	857	16.00	406	50 - 1/4	4' - 2-1/4"	1276
12	12.75	324	40.00	3' - 4"	1016	19.00	483	59 - 5/8	4' - 11-5/8"	1514
14	14.00	356	44.00	3' - 8"	1118	21.00	533	66	5' - 6"	1676
16	16.00	406	50.25	4' - 2-1/4"	1276	23.50	597	73 - 3/4	6' - 1-3/4"	1873
18	18.00	457	56.50	4' - 8-1/2"	1435	25.00	635	78 - 1/2	6' - 6-1/2"	1994
20	20.00	508	62.75	5' - 2-3/4"	1594	27.50	699	86 - 3/8	7' - 2-3/8"	2194
22	22.00	559	69.13	5' - 9-1/8"	1756	29.50	749	92 - 5/8	7' - 8-5/8"	2353
24	24.00	610	75.38	6' - 3-3/8"	1915	32.00	813	100 - 1/2	8' - 4-1/2"	2553
26	26.00	660	81.63	6' - 9-5/8"	2073	34.25	870	107 - 5/8	8' - 11-5/8"	2734
28	28.00	711	88.00	7' - 4"	2235	36.50	927	114 - 5/8	9' - 6-5/8"	2911
30	30.00	762	94.25	7' - 10-1/4"	2394	38.75	984	121 - 3/4	10' - 1-3/4"	3092
34	34.00	864	106.75	8' - 10-3/4"	2711	43.75	1111	137 - 3/8	11' - 5-3/8"	3489
36	36.00	914	113.13	9' - 5-1/8"	2873	46.00	1168	144 - 1/2	12' - 1/2"	3670
40	40.00	1016	125.63	10' - 5-5/8"	3191	50.75	1289	159 - 3/8	13' - 3-3/8"	4048
42	42.00	1067	132.00	11' - 0"	3353	53.00	1346	166 - 1/2	13' - 10-1/2"	4229
48	48.00	1219	150.75	12' - 6-3/4"	3829	59.50	1511	186 - 7/8	15' - 6-7/8"	4747
50	50.00	1270	157.00	13' - 1"	3988	61.75	1568	194	16' - 2"	4928
54	54.00	1372	169.63	14' - 1-5/8"	4308	66.25	1683	208 - 1/8	17' - 4-1/8"	5286
60	60.00	1524	188.50	15' - 8-1/2"	4788	73.00	1854	229 - 3/8	19' - 1-3/8"	5826
66	66.00	1676	207.38	17' - 3-3/8"	5267	80.00	2032	251 - 1/4	20' - 11-1/4"	6382
72	72.00	1829	226.13	18' - 10-1/8"	5744	86.50	2197	271 - 3/4	22' - 7-3/4"	6902
78	78.00	1981	245.00	20' - 5"	6223	93.00	2362	292 - 1/8	24' - 4-1/8"	7420
84	84.00	2134	263.88	21' - 11-7/8"	6702	99.75	2534	313 - 3/8	26' - 1-3/8"	7960
90	90.00	2286	282.75	23' - 6-3/4"	7182	106.50	2705	334 - 1/2	27' - 10-1/2"	8496
96	96.00	2438	301.50	25' - 1-1/2"	7658	113.25	2877	355 - 3/4	29' - 7-3/4"	9036
102	102.00	2591	320.38	26' - 8-3/8"	8138	120.00	3048	377	31' - 5"	9576
108	108.00	2743	339.25	28' - 3-1/4"	8617	126.75	3219	398 - 1/8	33' - 2-1/8"	10112
120	120.00	3048	377.00	31' - 3"	9576	140.25	3562	440 - 5/8	36' - 8-5/8"	11192